

O. I. Kimble STS, Inc. September 11, 1992 Report No.: J098-RP

Rev. No.: 0

Summary and Recommendation

The O.I. Kimble STS, Inc. site is recommended to be Defered to RCRA. There are no suspected releases of contaminants to surface water, soil, or air; however, there is a suspected release to groundwater. Mercury contaminated soil remained in place for approximately 1 year before remediation and removal from the site occurred. PCB-contaminated soil remained in place for an unknown amount of time before remediation and removal from the site occurred. During the time between the releases of mercury and PCB-containing oil to soil and remediation, contaminants could have percolated to groundwater. There are approximately 48,745 people served by groundwater within 4 miles of the site. Other waste sources are contained inside enclosed buildings on site.

PA Scoresheets

Site Name: O. I. Kimble STS

CERCLIS ID No.: NJD002342087

Street Address: 537 Crystal Ave

City/State/Zip: Vineland NJ

PA TABLE 1: WASTE CHARACTERISTICS (WC) SCORES

PA Table 1a: WC Scores for Single Source Sites and Formulas for Multiple Source Sites

7		SINGLE	SOURCE SITES (assigned W	C scores) '	MULTIPLE SOURCE
	SOURCE TYPE	WC - 18	MC = 33	WC = 100	Formula for Assigning Source WQ Values
48-6	N/A	≤100 b	>100 to 10,000 to	> 10,000 B	D + 1
E teamont	N/A	≤\$00,000 b	> 500,000 to \$0 million to		b + 5,000
	Landfill	≤ 6.75 million ft ⁰ ≤ 250,000 ye ⁰	> 6.75 million to 675 million ft ⁰ > 250,000 to 25 million yd ⁰	> 675 million ft ⁰ > 25 million ye ⁰	ft ² + 67,500 yg ² + 2,500
	Surface impoundment	±0,750 № ±250 ygg	> 6,750 to 676,000 ft ⁰ > 250 to 25,000 ft ⁰	>675,000 ft ⁰ >25,000 ye ⁰	h³ + 67.5 yd³ + 2.5
V	Drums	≤1,000 drume	>1,000 to 100,000 drame	>100,000 drums	drums + 10
l o	Tanks and non- drum containers	≤50,000 gellone	>50,000 to 6 millen gallons	>5 million gefone	gallons + 500
M E	Contaminated sod	≤0.75 millon ft ⁰ ≤250,000 ye ⁰	> 6.75 million to 675 million ft ⁸ > 250,000 to 25 million yel ⁹	> 675 million ft ³ > 25 million ye ⁴	10 + 67,500 100 + 2,500
	Pile	≤6,750 ft ³ ≤250 ye ⁴	> 6,750 to 675,000 ft ⁸ > 250 to 25,000 yell	> 675,000 H ³ > 25,000 ye ³	tt + 67.5 ye + 2.5
	Other	≤6,750 ft ⁸ ≤250 ft ⁸	> 6,750 to 675,000 ft ² > 250 to 25,000 ft ²	> 675,000 M ³ > 25,000 ye ³	11° + 67.5 yo' + 2.5
	Landfill	≤340,000 m³ ≤7.8 ecree	>340,000 to 34 million ft ² >7.8 to 780 scree	>34 million ft ³ >780 ocree	ft + 3,400 acres + 0.078
A	Surface impoundment	≤1,300 ft ⁸ ≤0.029 acree	>1,300 to 130,000 M ² >0.025 to 2.5 ecres	>130,000 ft ³ >2.9 ecres	h² + 13 acres + 0.00029
REA	Contaminated sol	≤3.4 million ft ³ ≤78 ecree	> 3.4 million to 340 million ft ² > 78 to 7,800 ocrae	>340 million ft ² >7,800 acres	ft ² + 34,000 acres + 0.78
	Pile*	≤1,300 M ⁰ ≤0.029 ocres	>1,300 to 130,000 ft ² >0.029 to 2.9 ocras	> 130,000 m² > 2.9 ocres	ft + 13
	Land treatment	≤27,000 ft ⁰ ≤0.62 acree	> 27,000 to 2.7 million ft ² > 0.62 to 62 acres	>2.7 million ft ² >82 acres	h² + 270 30/45 + 0.0062

1 ton = 2,000 b = 1 yd = 4 dnms = 200 gallons

Use area of land surface under pile, not surface area of pile

PA Table 1b: WC Scores for Multiple Source Sites

WQ Total	WC Sours
>0 to 100	(19)
>100 to 10,000	**
>10,000	100

SOURCE EVALUATION

Source No.: /	Source Name:	Source Weste Quantity (WQ) Calculations:
on dihed, ce		il 13728 pounds of RB centaminated

Source No.: 2 Source Name: No.: 2 Contaminated Soil Source Description: Post excavation samples indicated residual levels of mercury and PCB-contamination after removal of the Soil from the site.	Source Waste Quantity (WQ) Calculations: 720 cubic youds of mercury centaminated soil. 6 cubic youds of PCB contaminated Soil 726 total cubic yards
	726 - 2,500 = 0.30

Source No.:	Source Name:	Source Waste Quantity (WQ) Calculations:
Source Descri	ption:	
		5 + .30 = 5.30
	•	
	•	

GROUND WATER PATHWAY SCORESHEET

1	Do you suspect a release (see Ground Water Pa is the site located in karst terrain? Depth to aquifer: Distance to the nearest drinking water well:	thway Criteria List, page 717	Yes Yes		
UKEUHOO	OD OF RELEASE		A Suspected Release	B No Eurposted Release	References
1. SUSPEC	TED RELEASE: If you suspect a release to gro score of 550. Use only column A for this pat	und water (see page 7), hway.	550		47,0.2
the site	PECTED RELEASE: If you do not suspect a rele is in karst terrain or the depth to aquifer is 70 to etherwise, assign a score of 340. Use only co	leet or less, assign a score	· · · · · · · · · · · · · · · · · · ·	teg o ted	_
		UR =	550		
TARGETS 3. PRIMAR	IY TARGET POPULATION: Determine the numi	net of people cannot be	Υ		
drinking	water wells that you suspect have been exposed from the site (see Ground Water Pathway C.	ed to a hazardous	0		
drinking	DARY TARGET POPULATION: Determine the inwater wells that you do NOT suspect have being from the site, and assign the total population	An exposed to a hezardous			
	Are any wells part of a blended system? Yes If yes, attach a page to show apportionment ca	No	1043		41
water, a	IT WELL: If you have identified a primary targe assign a score of 50; otherwise, assign the Nea e 2. If no drinking water wells exist within 4 m	rest Well score from	20	MHALLET . G	14
or if you	EAD PROTECTION AREA (WHPA): If any source the second section is a present the second s	WHPA, assign a score of 20:	0	ALOG	
7. RESOUR			5	4.0	14
		Τ-	1068		
WASTE C	HARACTERISTICS	• •			
Char:	ou have identified any primary target for ground acteristics score calculated on page 4, or a score ATER; do not evaluate part 8 of this factor.	water, assign the waste te of 32, whichever is	1140 - 349		•
B. If you wast	u have NOT identified any primary target for gr le characteristics score calculated on page 4.	ound water, assign the	18	Ineral • re	•
·		wc -	18		
GROUND	WATER PATHWAY SCORE:	LR x T x WC 82,500	foresport to a ma	ormun of 100)	
	@				

PA TABLE 2: VALUES FOR SECONDARY GROUND WATER TARGET POPULATIONS

PA Table 2a: Non-Karst Aquifers

		Noorest			Pope	lation Sei	ved by W	olls With	n Distance	Cologor	Y		
Distance from Site	Population	Well (choose Nghest)	1 10 10	11 40 20	31 10 100	101 40 300	301 to 1,000	1,001 to 3,000	2,001 to 19,000	14,001 to 30,000	30,001 to 100,000	Greater Shee 100,000	Population Valve
0 to % mile	1129	6	1	2	6	16	52	103	621	1,633	5,214	16,326	163
> X to X mile	104	18	1	,	3	10	32	101	323	1,012	3,233	10,121	10
>% to 1 mile	11663	•	- 1	,	2	5	17	52	167	622	1,468	5,224	522
>1 to 2 miles	6377	5	· 1	1	,		9	29	9	294	939	2,938	94
>2 to 3 miles	<i>2</i> 3588	3	- 1	1	. 1	2	7	21	68	212	678	2,122	212
>3 to 4 miles	6977	2	1	1	1	1	4	13	42	131	417	1,206	42
•	Nearest Well -	20		,				_				core -	1043

PA Table 2b: Kerst Aquifers

· 🔻		Nearest			Popu	detion Sei	ved by W	ous With	n Distance	Cologor	Υ		
Distance	1	Well (use 20	1	. 11	31	101	301	1,001	2007	10,001	20,001	Ornolas	
from Site	Population	for kersi)	10 10	20	100	**	60	10	40	*	*	et.co	Population
		100 00000			700	300	1,000	3,000	70,000	30,000	100,000	100,000	Value
to % mile		.20	1	2	6	10	52	163	521	1,633	5,214	18,326	
× to X mile		20	1	1	3	10	32	101	323	1,012	3,233	10,121	-
> X to 1 mile		20	1	.1	3	•	26	82	261	816	2,607	0,162	
1 to 2 miles		20	1	1	3	8	26	8 2	261	816	2,607	8,162	
2 to 3 mlos		20	1	1	3		28	82	261	816	2,607	8,162	
3 to 4 miles		20	,	1	3		26	82	261	816	2,607	8,162	

SURFACE WATER PATHWAY LIKEUHOOD OF RELEASE AND DRINKING WATER THREAT SCORESHEET

Floor	ince to surrace water: I frequency; I is the downstream distance to the next	Ost donking was	N/a		3960 utside 500 y	-1
Near	est fishery? . b miles Nearest so	maitive environm	vent? 1.78 m	los]
LIKELIHOOD	05 ba 54 68			A	No Suspenies	
LIKELIHOOD (OF KELEWSE			Refere	Referen	Refere
essign a sco	RELEASE: If you suspect a release to a re of 550. Use only column A for this p	athway.		A40	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
water, use t	TED RELEASE: If you do not suspect a r he table below to assign a score based o pod frequency. Use only column 8 for th	A distance to eigh	face .		Seat our year o 1000	
Dista	nce to surface water \$ 2,500 feet	500				
Dista	nce to surface water > 2,500 feet, and					1
ļ	Site in annual or 10-year floodplain	soe		10 10 10 10 10	•	}
ļ	Site in 100-year floodplain	400		-	•	Í
}	Site in 500-year floodplain	300				1
	Site outside 500-year floodplain	100			100	10,
٠				***	A	1
		•	LR -	L	100	J
RINKING WA	TER THREAT TARGETS					•
NON	Weter Body Type	cls	eople Served			
PRIMARY TA	RGET POPULATION: If you suspect any	duoking water i	naka Sand			
Pathway Crit	en exposed to a hazardous substance fro ena List, page 11), list the intake name(s on the total population served.	on the site less S	Landa a a a a a a a a a a a a a a a a a a			
SECONDARY	TARGET POPULATION: Determine the		people z 10 =			
A A	f intakes that you do NOT suspect have in the site, and assign the total population					•
Are ar H yes,	ny intakes part of a blended system? Y attach a page to show apportionment ca	es Ne lculations.	.		0	14
ALL WATER MATER	AKE: If you have identified a primary tar threat flactor 41, assign a score of 50; (Manufac and	!	MARKE	BINILOG	
MEDIES! MICHAIL	score from PA Table 3. If no drinking wance limit, assign a score of zero.	rater intake exist	s within		0	14
RESOURCES			ì	***	5	
		· · · · · · · · · · · · · · · · · · ·				
	•	_	7-[. 5.	

PA TABLE 3: VALUES FOR SECONDARY SURFACE WATER TARGET POPULATIONS

		Noarest				opulation	Served by	Intokes 1	Within Flo	w Calego	γ			
Surface Water	·	Intoko	7	31	101	307	1,001	2001	10,007	34,001	100,001	300,001	Greeke	
Body Flow		(choose	•	60	60	40 .	-	-	•	•	-	-	****	Papulo Von
(see PA Table 4)	Population	Mphost)	30	100	300	7,000	3,000	10,000	30,000	100,000	300,000	7,000,000	2,000,000	Value
<10 ale	<u> </u>	20	2	6	10	52	163	621	1,633	5,214	16,325	52,136	163,246	
10 to 1 00 efe		2	1	,	2	•	10	62	103	521	1,623	6,214	16,325	
> 100 se 1,000 efe		1	•	0	•	. 1	2	5	10	52	163	521	1,633	
>1,000 to 10,000 ate		0	0	o	•	•	1	1	2	5	10	52	103	
>10,000 efe er Greet Lahes	·	•	0	0	0		•	0	1	1	2	•	16	
3-mile Mining Zone		10	1	3	•	26	82	261	216	2,607	8,162	28,068	81,663	
• (Neare	st intake -		•			•							Score -	

PA TABLE 4: SURFACE WATER TYPE / FLOW CHARACTERISTICS WITH DILUTION WEIGHTS FOR SECONDARY SURFACE WATER SENSITIVE ENVIRONMENTS

Type of S	wiece W	leter Body	Diution
Water Body Type	·OR	Flow	Weight
minimal atreem		< 10 cfe	. 1
small to moderate streem		10 to 100 cfs	0.1
mederate to large etream		> 100 to 1,000 cfs	N/A
large stream to river	• '.	> 1,000 to 10,000 efs	NA
large river		> 10,000 ofe	MA
to enes gaixim elim-E			
quiet flowing streams or rivers		10 cfe of greater	AKA
sectal tidal water therbors,			
sounds, bays, etc.), eccan,		N/A .	NIA
or Great Lakes		:	

SURFACE WATER PATHWAY (continued)
HUMAN FOOD CHAIN THREAT SCORESHEET

UKEUHOOD OF RE	LEASE		Referee	Return	Relation
inter Surface Water Li	relihood of Release score	<u>-</u>	100		
HUMAN FOOD CH	AIN THREAT TARGE	TS.			
the target distance	limit. If there is no fish	plicable) for each fishery within ery within the target at the bottom of the page.			
Richary Name		Water Body Type Ross			
Blackwater	Branch	mod. Stream 10-100 de			
Maurice R		large Stream 280.75de			
	ke	open writer 280.75de			
	River				
- raurice	VIAEL	large strazm 317.12ds			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		cfs			15,1
but no primary fish	lease to surface water a nery, assign a score of 2		u•s		
B. If you do not suspi below using the lo	ect a release, assign a Sc	condens Cabarias assas from the sect-	i i de la como	DILLE O IS	
T.		within the target distance limit.			
	Lowert Row	within the target distance limit. Secondary Fisherer Scare			
	Lowert Row < 10 cis	within the target distance limit.			
	Lowert Row < 10 cis 10 to 100 cis	within the target distance limit. Secondary Fichener Score			
	Lowert Row < 10 cts 10 to 100 cts > 100 cts, coastal	Secondary Fisheres Scare 210 30			
	Lowert Acm < 10 cls 10 to 100 cls > 100 cls, coastal tidal waters, oceans,	within the target distance limit. Secondary Fichenes Scare 210			
	Lowert Row < 10 cts 10 to 100 cts > 100 cts, coastal	Secondary Fisheres Scare 210 30		3 0	
	Lowert Acm < 10 cls 10 to 100 cls > 100 cls, coastal tidal waters, oceans,	Secondary Fisheres Scare 210 30		30 30	

SURFACE WATER PATHWAY (continued) ENVIRONMENTAL THREAT SCORESHEET

•						_
LIKELIHOOD OF R	ELEASE			Supercod	No Surperied	
				Return	Robert C	References
nter Surface Water (Actinood of Release sc	ore from page 12.	LR -		100	
NVIRONMENTAL	THREAT TARGETS		 		<u></u>	j
				<u> </u>		
and SL. If there is	ment within the target i	applicable) for each surface water distance limit (see PA Tables 4 lent within the target distance horrow of the asses	•			
Environment Huma						
			75da			
HAB. FOR ST.	ATE ENDMANGERED	· · · · · · · · · · · · · · · · · · ·				
HAB. For FED.	Threatened Specie		75cls			
	Threatened Speci		75 cfs ·			
	THEORE SPECI	ion Mourice R. 280.7	1			A
		If you suspect any sensitive enviro	_ds			45,4
iscur is. Det u	e primary sensitive env					
present, but none	ISITIVE ENVIRONMENT is a primary sensitive enemts based on flow.	'S: If sensitive environments are invironment, evaluate Secondary		·		
	sensitive environments	on surface water bodies with flow	vs ad		ļ	
A. For secondary 100 cfs or less this factor:	s, assign scores as follo	iws, and do not evaluate part 8 of				·
this factor:	Dârdon Waigag	Eminance Type and Value		•		·
this factor:	Davien Weight PA Table 41	lws, and do not evaluate part 8 of	Total	•		
this factor:	DA.Con Waight IPA Table 41	Eminance Type and Value		•		
this factor: Please cfs cfs	PA Table 49	Emmonment Type and Value IPA Tobles 6 and 61		•		
this factor: Row cfs cfs cfs	Dardon Weight PA Table 41	Emironment Type and Value (PA Tables & and &)		•		· · · · · · · · · · · · · · · · · · ·
Please C1s C1s C1s C1s C1s C1s	DA.com Weight PA Table 4) X	Emironment Type and Value (PA Talling & and &)	Total	•		•
this factor: Row cfs cfs cfs	Dardon Weight PA Table 41	Emironment Type and Value (PA Talling & and &)	Fotal	•		•
Ploase C1s C1s C1s C1s C1s C1s	DArdon Weight PA Table 41 E	Environment Type and Value (PA Tables & and &)	Fold	•		•
Please Cfs Cfs Cfs Cfs Cfs Cfs Cfs C	DAJON Weight PA Table 41 X X Sensitive environments	Environment Type and Value (PA Tables & and &)	Fold	jag.	(14)	
this factor: Please cfs cfs cfs cfs cfs finall secondary	DArdon Weight PA Table 41 E	Environment Type and Value (PA Tables & and &)	Fold	1100		5,16,19
Please C1s C1s C1s C1s C1s C1s C1s C	DAJON Weight PA Table 41 X X Sensitive environments	Environment Type and Value (PA Tables & and &)	Fold	j a		5,16,19 15,46
Ploss C1s C1s C1s C1s C1s C1s C1s	DAJON Weight PA Table 41 X X Sensitive environments	Environment Type and Value (PA Tables & and &)	Fold	140		5,16,19 15,46

PA TABLE 5: SURFACE WATER AND AIR PATHWAY SENSITIVE ENVIRONMENTS VALUES

Sensitive Environment	
Critical habitat for Federally designated endangered or threatened species	Assigned Value
wenue seucret	100
Netronal Park	
Designated Federal Wilderness Area	
Ecologically important areas identified under the Coastal Zone Wilderness Agt	
Sensitive Areas identified under the National Estuary Program or Near Coastal Water Program of the Clean Water A Critical Areas Identified under the Clean Lakes Program of the Clean Water A	1
	M et
	K 0 0 1
Netional Seashore Recreation Area	
Neuonal Lakeshore Recreeton Area	
Habitat known to be used by federally designated or proposed endengered or threatened species National Presence	
11000140	76
National or State Wildlife Refuge	
Unit of Coartal Barrier Resources System	
Federal land designated for the protection of natural ecosystems Administratively Proposed Federal Wilderness Area	
Converted stone official for the windometer A/06	
Spawning areas critical for the maintenance of fish/shellfish species within a river system, bay, or estuary	
Terrestrial areas utilized for breeding by lerge or dense aggregations of vertebrate enimals (air pethway) or semi-equade foragers (surface water pathway)	
National river reach designated as Recreational	
Habitat known to be used by State designated and account of the state	
Habitat known to be used by a species under review as to its Federal endangered or threatened status	50
Coastal Barrier (partially developed)	
Federally designated Scenic or Wild River	
State land designated for widdin or game management	
state designated Scenie er Wild River	25.
State designated Natural Area	·
articular areas, relatively small in size, important to maintenance of unique biotic communides	
state designated areas for protection/maintenance of aquatic life under the Clean Water Act	
	5
Vedands See PA Table 6 (Surface	Water Pathwayl
Of the state of th	ľ
PA Table 9 (Air P	athwayl

PA TABLE 6: SURFACE WATER PATHWAY WETLANDS FRONTAGE VALUES

Assigned Value
0
25
7-7
50
78
. 100
150
250
250
450
450

SURFACE WATER PATHWAY (concluded) WASTE CHARACTERISTICS, THREAT, AND PATHWAY SCORE SUMMARY

		•
	Superted	No Suspensed
WASTE CHARACTERISTICS	Release	Autoro
14. A. If you have identified any primary target for surface water (pages 12, 14, or 15), assign the waste characteristics score calculated on page 4, or a score of 32, whichever is GREATER; do not evaluate part 8 of this factor.	(140) a 300)	
B. If you have NOT identified any primary target for surface water, assign the	(100.3E or M)	(MAR 10)
waste characteristics score calculated on page 4.		18
wc -		18

Threat	Likelihood of Release (LRI Score (from page 12)	Targets (T) Score (pages 12, 14, 15)	Pathway Warte Characteristics (WCJ Score (determined abave)	Threat Score LR # T # WC / 82,500
				200 2 1 Course of 188
Drinking Water	100	5	18	0.109
				Statement to a supervisor of 1000
Human Food Chain	100	30	18	6.55
		1		
Environmental	100	10	18	0.218

SURFACE WATER PATHWAY SCORE (Drinking Water Threat + Human Food Chain Threat + Environmental Threat)

SOIL EXPOSURE PATHWAY SCORESHEET

Do any people five on or within 200 ft of areas of suspected contamination? Yes Do any people attend school or daycare on or within 200 ft of areas of suspected contamination? Yes Is the facility active? Yes _X _ No If yes, estimate the number of workers:	No X
of suspected contamination?	
	No Y
in yes, estimate the number of workers: 1100	
LIKELIHOOD OF EXPOSURE	,
COMPANADOR	Rolarenc
1. SUSPECTED CONTAMINATION: Surficial contamination can generally be assumed, and a score of 550 assigned. Assign zero only if the absence of surficial	
contamination can be confidently demonstrated.	1
- 000	
RESIDENT POPULATION THREAT TARGETS	-
2. RESIDENT POPULATION: Determine the number of people occupying residences	7
or attending school or daycare on or within 200 feet of areas of suspected	1
contamination (see Soil Exposure Pethway Criteria List, page 18).	l
people x 10 -	44
3. RESIDENT INDIVIDUAL: If you have identified a resident population (factor 2),	
assign a score of 50; otherwise, assign a score of 0,	ł
4. WORKERS: Use the following table to assign a score based on the total number of	
workers at the facility and nearby facilities with suspected contamination:	
Number of Warkers Score	
0 0	1
1 to 100	i
101 to 1.000 10	
13	44
5. TERRESTRIAL SENSITIVE ENVIRONMENTS: Use PA Table 7 to assign a value	***********
for each terrestrial sensitive environment on an area of suspected	
contamination:	·
Terrostrial Sarurava Environment Type Volce	

0	
6. RESOURCES	
5	
5	
· - 20	
WASTE CHARACTERISTICS	
7. Assign the waste characteristics score calculated on page 4. WC = 10	
- 18	
RESIDENT POPULATION THREAT SCORE: LE X T X WC	
<u>_~_ ~ 1 ~ 110 </u>	
82,500.	
NEARBY POPULATION THREAT SCORE:	
	
SOIL EXPOSURE PATHWAY SCORE:	
SOIL EXPOSURE PATHWAY SCORE: Resident Population Threat + Nearby Population Threat 4, 4	

PA TABLE 7: SOIL EXPOSURE PATHWAY TERRESTRIAL SENSITIVE ENVIRONMENT VALUES

Terrestral Sensitive Environment	Assigned Value
Terrestrial critical habitat for Federally designated endangered or threatened species National Park	100
Designated Federal Wilderness Area National Monument	
Terresural habitat known to be used by Federally designated or proposed threatened or endangered species National Preserve (terrestrial) National or State terrestrial Wildlife Refuge	75
Pational or State terrestrial Wildlife Reloga Federal land designated for protection of natural ecosystems Administratively proposed Federal Wildemess Area	
Terrestrial areas utilized by large or dense aggregations of animals (vertebrate species) for breeding	
Terrestrial habitat used by State designated endangered or threatened species Terrestrial habitat used by species under review for Federal designated endangered or threatened status	50
State lands designated for wildlife or game management State designated Natural Areas Particular areas, relatively small in size, important to maintenance of unique biotic communities	25

AIR PATHWAY SCORESHEET PERMY CAMERIAL DATA		-
Do you suspect a release (see Air Pathway Criteria Ust, page 2117 Distance to the nearest individual:	Y	No X
LIKELIHOOD OF RELEASE	Suspected	No Suspected
SUSPECTED RELEASE: If you suspect a release to air (see page 21), assign a score of 550. Use only column A for this pathway.	And	Relate
NO SUSPECTED RELEASE: If you do not suspect a release to air, assign a score of 50Q. Use only column 8 for this pathway.		500
LR =		500
3. PRIMARY TARGET POPULATION: Determine the number of people subject to exposure from a suspected release of hezardous substances to the air.		
people x 10 «	,	
SECONDARY TARGET POPULATION: Determine the number of people not suspected to be exposed to a release to air, and assign the total population score using PA Table 8.		207
5. NEAREST INDIVIDUAL: If you have identified any Primary Target Population for the air pathway, assign a score of 50; otherwise, assign the Nearest Individual score from PA Table 8.	MRILLOG	20
PRIMARY SENSITIVE ENVIRONMENTS: Sum the sensitive environment values (PA Table 5) and wedard acreage values (PA Table 9) for environments subject to exposure from a suspected release to the air. Source Emissioned Type Value	3	
•	ne	
. RESOURCES		5
VASTE CHARACTERISTICS		232
A. If you have identified any Primary Target for the air pathway, assign the waste characteristics score calculated on page 4, or a score of 32, whichever is GREATER; do not evaluate part 8 of this factor.	[1 tm or 326	
8. If you have NOT identified any Primary Target for the air pathway, assign the waste characteristics score calculated on page 4. Output Description:	(146 <u>1,75</u> o 166	18
wc -		18
IR PATHWAY SCORE: LR x T x WC 82,500	25.	3

PA TABLE 8: VALUES FOR SECONDARY AIR TARGET POPULATIONS

	I	Mearest	Population Within Di					Population Within Distance Category							
ł		Individual	,	17	31	101	201	1,001	2007	10,001	30,001	100,001	2001		
Distance	1	(choose	•	-	-	-	-	-	-	-	-	-	-		/opinion
from Site	Population	Nghost)		20	100	300	1,000	2000	10,000	20,000	700,000	mm	1,000,000	1,000,000	Value
Onako	1100	®	1	2		10	62	100	621	1,433	5,214	14,225	62,136	103,246	163
>0 to 11 mile	575	20	1	1	•	•	10	41	130	400	1,208	4,001	12,034	40,811	13
>X to X mile	2088	2	•	0	,	•	3	•	28	88	292	862	2,815	8,015	9
> % to 1 mile	8775	1	•	0	•	•	1	3	•	26	83	261	834	2,612	8
>1 to 2 miles	15302	•	0	0	0	•	1	1	3 ·	•	. 27	.83	266	833	8
>2 to 3 miles	15663	0	•	0	0	•	1	1	1	•	12	20	120	376	4
>3 to 4 miles	10466	0	•	0	o -	0	0	1	1	. 2	7	23	73	229	
Negreet L	ndividual -	20								1 .				icore =	207

PA TABLE 9: AIR PATHWAY VALUES FOR WETLAND AREA

Wetland Area	Assigned Value
Lose than 1 acre	0
1 to 50 seres	25
Greater than 50 to 100 acres	76
Greater then 100 to 150 cores	126
Greater then 150 to 200 seres	176
Greater than 200 to 300 seree	250
Greater than 300 to 400 seree	350
Greater than 400 to 500 seres	450
Greater than 500 scree	500

PA TABLE 10: DISTANCE WEIGHTS AND CALCULATIONS FOR AIR PATHWAY SECONDARY SENSITIVE ENVIRONMENTS

Distance	Distance Weight	Soneithe Environment Type and Value firem PA Table 5 or 9)	Product
Oneste	0.10	*	
		*	
0-1/4 ml	0.026	R	
		×	
		×	
1/4-1/200	0.0064	R	
l		*	
I			

l'otal Environments Score — l

SITE SCORE CALCULATION

· · · · · · · · · · · · · · · · · · ·	
S	S ²
100	
6.90	47.61
4, 4	19.36
25.3	640.09
	670.0
Sgri+Sgri+Sgi+Sgi 4	51.74
	100 6.90 4.4 25.3